

SAMPLE SUPPORT

Publication number: WO9946045

Publication date: 1999-09-16

Inventor: PETERS RALF-PETER (DE); UENAL NEZIH (DE); OSTERLOH DIRK KLAUS (DE); BACKES HERBERT (DE)

Applicant: MICROPARTS GMBH (DE); MERLIN MIKROBIOLOG DIAG GMBH (DE); PETERS RALF PETER (DE); UENAL NEZIH (DE); OSTERLOH DIRK KLAUS (DE); BACKES HERBERT (DE)

Classification:

- **international:** G01N31/20; B01L3/00; C12M1/34; G01N37/00;
G01N31/20; B01L3/00; C12M1/34; G01N37/00; (IPC1-7): B01L3/00

- **european:** B01L3/00C6M

Application number: WO1999EP01607 19990311

Priority number(s): DE19981010499 19980311; DE19991002309 19990121

Also published as:

-  EP1062042 (A1)
-  EP1062042 (A0)
-  CA2323424 (A1)
-  EP1062042 (B1)
-  AU739563B (B2)

Cited documents:

-  US5223219
-  US5230866
-  US4426451
-  US4038151
-  EP0282840

[more >>](#)

[Report a data error here](#)

Abstract of WO9946045

The invention relates to a sample support comprising at least one sample chamber for receiving a sample fluid, and a distribution channel for sample fluid which is connected with the at least one sample chamber. At least one distribution channel extends from each sample chamber. The sample support further comprises at least one reaction chamber into which a supply channel branching off the at least one distribution channel discharges, as well as a ventilation opening for each reaction chamber. The dimensions of each distribution channel and each supply channel are such that the fluid is transported through the distribution and supply channels by way of capillary forces. In each reaction chamber a device for generating a capillary force is positioned in the area of discharge of the supply channel to ensure that the sample fluid flows from the supply channel into the reaction chamber.

Data supplied from the esp@cenet database - Worldwide